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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

6-15-04

Y. Fukuhara et al.

U.S.S.N.:

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Art Unit: 2613

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Examiner: A. WongRECEIVED

FOR:

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Technology Center 2600

CERTIFICATE OF EXPRESS MAILING

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By: Mill P. Chico!

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Arlington, VA 22313-1450

Date: June 4, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

a. Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

a. 🔯 Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required). Ъ. П A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows: c. 🖂 The following additional information is provided for the Examiner's consideration: See Japanese Office Action dated March 4, 2004. U.S. Patent 5,790,181 corresponds to Japanese Publication 9-505447 (cited in Japanese Office Action). The other references cited in the Japanese Office Action were included with the IDS filed December 8, 2003. IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b) (check one box) a. 🗌 within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required. b. 🗀 within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required. c. 🖂 before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

III.

V.	THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c): (check one box)									
	before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).									
	a. No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).									
	b. See the certification below. No fee is required.									
VI.	THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d): (check both boxes if applicable)									
	before payment of the Issue Fee (See 37 C.F.R. § 1.97(d).									
	a. 🗌	See the certification below; and								
	b. 🗌	A fee in the amount of \$180.00 is enclosed as required by 37 C.F.R. § 1.17(p).								
VII.	CERTIFICAT	YON UNDER 37 C.F.R. § 1.97(e) (check only one box)								
The u	The undersigned hereby certifies that									
	a. 🔀	each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or								
	b. 🗌	no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.								
	c	Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.								

	Please charge Deposit Account No. 04-1105 in the amount offor the above-indicated fee. A triplicate copy of this paper is attached.
\boxtimes	No fee is required.
contact the rule, the PTC	Examiner has any questions concerning this IDS, he/she is requested to undersigned. If it is determined that this IDS has been filed under the wrong O is requested to consider this IDS under the proper rule (with a petition, if and charge the appropriate fee to Deposit Account No. 04-1105.
Date: June	Respectfully submitted, 4, 2004 Steven M. Jensen (Reg. No. 42,693) EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, MA 02205
Tel: (617) 43	
Customer N	o. 21874
BOS2_446838.1	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT					0840) NT(S):	Υ.	SERIAL NO. 09/931,962 Fukuhara et al.		
	FILING DATE: August 16, 2001			ART UNIT:					
		UNITED S	TATES PATE	NT DOCUM	ŒNTS				
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME		CLA	SUB CLASS	FILE DATE IF APPR	
	AA	5,790,181	08/1998	Chahl	et al.				
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FOREIGN PATENT DOCUMENTS									
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		CUMENTS (INCLUDING	AUTHOR, TIT	LE, DATE,	PERTIN	ENT PAG	ES, ETC.)		
									
Examiner:		_		Date	e :				